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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Atty. Docket No. (Optional)
UBAT1330

Applicant

William B. Dress et al.

Application Number

09/938,843

Filed

August 24, 2002

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For

OPTICAL MICROSCOPE USING AN INTERFEROMETRIC SOURCE OF TWO-COLOR, TWO-BEAM ENTANGLED PHOTONS

Group Art Unit

Examiner Unknown

Commissioner of Patents Washington, D.C. 20231

Dear Sir:

CERTIFICATION UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231. on ________, 2003.

Katherin Cope

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(d)

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97 (g), (h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

Applicant hereby states under 37 C.F.R. § 1.97 (e)(1) that each item of information contained in this Information Disclosure Statement was stitled in a communication from a foreign patent office in a counterpart foreign application not more

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2

than three months prior to the filing of the present statement, as evidence by the date of the enclosed search report.

While Applicant believes no fees are due in connection with the filing of this Information Disclosure Statement, if any fees are due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0456 of Gray Cary Ware & Freidenrich LLP.

Respectfully submitted,

Gray Cary Ware & Freidenrich LLP

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09/938,843 **FORM PTO 1449** Application Number August 24, 2001 **US Department of Commerce** Filing Date William B. Dress et al. **Patent and Trademark Office** First Named Inventor Group Art Unit 2877 **Examiner Name** Unknown **UBAT1330** of 1 Attorney Docket Number **U.S. PATENT DOCUMENTS** Document Number Examiner Name of Patentee or **Publication Date** Cite Initials Applicant of Cited Document Kind Code Class Sub-class Number 21/63 08/18/98 Teich et al. **G01N** 5796477 Α1 **A2 A3** Α4 **A5 A6 FOREIGN PATENT DOCUMENT** Name of Patentee or Applicant of Cited Document **Publication Date** Examiner Cite Kind Code Sub-class Country Code Number Class Initials **B**1 **B2 B3 B4 B**5 OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Date Examiner Cite Include name of the author, title, source, volume, and page(s). Initials Mailed C6 International Search Report for PCT/US02/26832. **(2)**/21/03 Mailed **C7** International Search Report for PCT/US02/26833. 03/21/03 Larchuck, et al. "Interfering entangled photons of different colors" 03/15/93 **C8** Physical Review Letters, vol. 70, No. 11, pages 1603-1606. Shimizu, et al. "Quantum communication with a 2-bit message 07/16/97 C9 coding for each transmitted photon" Technical Digest, the Pacific Rim Conference on Lasers and Electro-Optics, pages 790-80. C10 preparation June 2001 Yoon-Ho. et al. "Bell-stated using pulsed nondegrenerate two-photon entanglement", Physical review, Vol. 63, No. 6, pages 060301/1-4. Examiner Date Considered

Signature